

In the claims:

1. (currently amended) A method for manufacturing a polyurethane elastic fiber, comprising the steps of:

mixing one component selected from the group consisting of ~~polystyrene polymers or polystyrene copolymers~~ polystyrene, poly (p-alkylstyrene), poly (p-arylstyrene), styrene-butadiene-styrene copolymer (SBS), styrene-butadiene block copolymer, and acrylonitrile-butadiene-styrene copolymer (ABS) having a number average molecular weight of 50,000-500,000 with polyurethane having a number average molecular weight of 15,000-100,000 at a weight ratio ranging from 1:99 to 10:90, to prepare a polymer mixture; and

spinning the polymer mixture.

Claims 2-3 cancelled.

4. (currently amended) A polyurethane elastic fiber made by the method of claim 1 ~~or 3~~.